housing including a threaded hole extending through a bush made directly through a wall of said pipe element.

9. The exhaust device according to Claim 8, wherein said wall of said pipe element has a substantially uniform thickness of between 1mm and 3mm.

10. The exhaust device according to Claim 8, wherein said wall of said pipe element is made of a stainless metal alloy.

11. The exhaust device according to Claim 9, wherein said wall of said pipe element is made of a stainless metal alloy.

12. The exhaust device according to Claim 8, wherein said bush has an interior portion and an exterior portion, said interior portion extending further within an interior of said pipe element than said exterior portion extends beyond an exterior of said pipe element.

13. A process for making an exhaust device for an internal combustion engine, said process comprising the steps of:

forming an integral housing in a pipe element adapted to carry a flow of exhaust gases from the engine, the housing being formed from a flow-drilling operation comprising drilling through a wall of the pipe element with a tool at a speed and a penetration force adapted to cause melting and upsetting of a material of the wall around the tool in proportion to an advance of this tool until a bush of required height and diameter is obtained;

tapping a hole through the bush to form internal threads in the hole; and

mounting within the housing a measuring transducer configured to analyze a flow of exhaust gases from the engine.

14. The process according to Claim 13, wherein the tool is an ogival mandrel.

15. The process according to Claim 13, wherein the wall of the pipe element has a substantially uniform thickness of between 1mm and 3mm.

16. The process according to Claim 13, wherein the wall of the pipe element is made of a stainless metal alloy.

17. The process according to Claim 13, wherein the bush has an interior portion and an exterior portion, the interior portion extending further within an interior of the pipe element than the exterior portion extends beyond an exterior of the pipe element.--

REMARKS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 8-17 are presently active in this case, Claims 1-7 having been canceled without prejudice and Claims 8-17 having been added by way of the present Amendment.

In the outstanding Official Action, Claims 1-7 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1-7 have been canceled without prejudice, thereby rendering this rejection moot. Claims 8-17 have been written with the indefiniteness rejection in mind, and the Applicants submit the new claims are definite under 35 U.S.C. 112, second paragraph. Accordingly, the Applicants request the withdrawal of the indefiniteness rejections.

Claim 1 was rejected under 35 U.S.C. 102(b) as being anticipated by Enghauser (U.S. Patent No. 1,906,953). Claims 1-3 and 5 were rejected under 35 U.S.C. 102(a) as being anticipated by the art described on pages 1-2 of the present application. Claims 1, 4, 6, and 7 were rejected under 35 U.S.C. 102(b) as being anticipated by Heinrichs (DE 42 24 131 A1). Claims 2, 3, and 5 were rejected under 35 U.S.C. 103(a) as being unpatentable over Enghauser. Claims 1-7 were rejected under 35 U.S.C. 103(a) as being unpatentable over